

## CLAIMS

Please amend claims as follows.

Claims 1-12 Canceled

13. (Original) A street sweeper, comprising:

- a. transport means;
- b. a hopper carried by the transport means;
- c. means for rotary sweeping, the means for rotary sweeping carried by the transport means and capable of dislodging debris and dust from a road surface;
- d. means for conveying debris from the means for rotary sweeping to the hopper;
- e. means for generating an airflow from the means for rotary sweeping to the hopper so as to entrain dust dislodged by the means for rotary sweeping; and,
- f. means for separating entrained dust from the airflow from the means for rotary sweeping at the hopper.

14. (Original) The street sweeper of claim 13, wherein the road speed broom sweeper is capable of operating at road speed.

Claims 15-16 (Canceled)

17. (Original) The street sweeper of claim 13, further including a drag shoe means to redirect stray debris to the path of the means for rotary sweeping.

18. (Original) The street sweeper of claim 13, wherein the means for separating includes a filter.

19. (Canceled) The street sweeper of claim 13, wherein the airflow from the means for rotary sweeping passes within a conveyor housing having a first cross sectional area

and further wherein the means for separating includes increasing the cross sectional area of the airflow within the hopper relative to the airflow within the conveyor housing, thereby effecting a reduction of airflow velocity.

20. (Original) The street sweeper of claim 13, wherein the means for generating an airflow is a fan.

21. (Original) The street sweeper of claim 13, wherein the transport means includes at least one rear axle and further wherein the means for rotary sweeping includes a rotary broom, the rotary broom being carried rearward of the at least one rear axle.

22. (Original) The street sweeper of claim 21, wherein the rotary broom is rotated by a hydraulic motor.

23. (Original) The street sweeper of claim 22, wherein the rotary broom is carried rearward of the at least one rear axle by a pair of pivotal broom support arms.

24. (Original) The street sweeper of claim 23, wherein the pair of pivotal broom support arms control contact between the rotary broom and road surface to be swept, such that the rotary broom contacts the road surface in a first configuration and does not contact the road surface in a second configuration.

25. (Original) The street sweeper of claim 24, wherein the pair of pivotal broom support arms control the force of the rotary broom contact with road surface in the first configuration.

26. (Original) A method of cleaning a road surface, comprising the steps of:

- a. providing a rotary broom on a truck, the truck carrying a hopper and including vacuum induced airflow from the rotary broom to the hopper and a debris conveyor from the rotary broom to the hopper;

- b. rotating the rotary broom against the road surface while moving the truck in a forward direction such that the action of the rotary broom is counter to the forward direction;
- c. conveying dislodged debris on the conveyor from the rotary broom to the hopper; and,
- d. entraining airborne dust in the induced airflow from the rotary broom to the hopper.

Claims 27-31. (Canceled)

32. (Original) A street sweeper with vacuumized dust control, comprising:

- a. a truck;
- b. a superstructure framework;
- c. a rotary broom;
- d. a rotary broom chamber;
- e. a hopper;
- f. a conveyor; and,
- g. a conveyor housing.